ABSTRACT OF THE DISCLOSURE

A stream server comprises a first interface for transmitting and receiving a packet to and from a client apparatus belonging to a particular network without involvement of a firewall apparatus and for transmitting and receiving a packet to and from the client apparatus belonging to a network different from the particular network via the firewall apparatus a second interface for transmitting and receiving a packet to and from the client apparatus belonging to the network different from the particular network without involvement of the firewall apparatus, the second interface being connected to a second network and a process module for executing a communication process, via an interface identified in accordance with a network attribute and a type of a communication protocol of the client apparatus and based on the communication protocol, relative to the client apparatus.